

Sieffert, Margaret

From: Sieffert, Margaret
Sent: Monday, December 21, 2015 7:31 AM
To: Hall, Charles
Subject: FW: CISWI and Pyrolysis Units
Attachments: Green Box Summary.docx; CISWI and Pyrolysis Units.ics

Hi Charlie, Just wanted to keep you in the loop. It looks like a CISWI source in Wisconsin might be submitting an applicability determination. OAQPS has invited me to the call but I wanted to invite you as you will most likely be the one assigned to the applicability determination as you are the lead the CISWI rule. I am in the office and can get a room for us to listen in on the call or you can just call in to the meeting. The appointment is in the ics file attached. It is at 9am. Let me know. Otherwise I can just fill you in after the call.

Margaret

From: Modak, Nabanita
Sent: Friday, December 18, 2015 8:41 AM
To: Sieffert, Margaret <Sieffert.Margaret@epa.gov>
Subject: FW: CISWI and Pyrolysis Units

Hi Margaret,
We received the following incoming from WI. I just wanted to keep you in the loop. We will have a call where Marcia Mia from OECA will provide him some guidance on the formal process of Applicability Determination. I will go ahead and forward the meeting invite to you. Hope, you can join us.

Thanks
Nabanita

From: Wright, Jonathan J - DNR [<mailto:Jonathan.Wright@wisconsin.gov>]
Sent: Monday, November 23, 2015 1:20 PM
To: Modak, Nabanita <Modak.Nabanita@epa.gov>
Subject: RE: CISWI and Pyrolysis Units

Nabanita,

Enclosed is an overview paragraph from the facility of their entire project.

The facility intends to install 4 pyrolysis units – known as GB Kool units – that process waste poly, plastic pellets supplied by another local company, and rubber. The rubber will be processed separately in order to recover the carbon black material for resale. Each pyrolysis unit is rated at up to 16,000 pounds of input feed per day. The plastic for the pellets supplied by another local company is sourced from solely industrial or commercial sources. The process waste poly coming from the pulping operations results from materials that may come from MSW, industrial or commercial sources. The facility has proposed permit limitations to keep MSW-derived materials to less than 30% by weight of the input feed to each pyrolysis unit.

Each pyrolysis unit is equipped with an external burner rated at approximately 0.5 MMBtu per hour. The external burners will start on propane and switch to syngas as it becomes available. Syngas will also be used throughout the facility to supplement natural gas or propane in other plant combustion units, such as the tissue machine Yankee dryer, as available.

Jonathan

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Jonathan Wright

Phone: (920) 303-5432

Jonathan.wright@wisconsin.gov

From: Modak, Nabanita [<mailto:Modak.Nabanita@epa.gov>]

Sent: Thursday, November 19, 2015 4:29 PM

To: Wright, Jonathan J - DNR

Cc: Mia, Marcia

Subject: RE: CISWI and Pyrolysis Units

Hi Jonathan,

Could you please send me some information on the details of the entire process. How is the waste being processed before it gets to pyrolysis oven? What did you mean by external pyrolysis burner? By any chance, are the non-condensable gases being used as a fuel to the pyrolysis burner? . I think a detailed description of the process will help us in applicability determination.

Thanks

Nabanita

From: Wright, Jonathan J - DNR [<mailto:Jonathan.Wright@wisconsin.gov>]

Sent: Tuesday, November 17, 2015 4:31 PM

To: Modak, Nabanita <Modak.Nabanita@epa.gov>

Subject: RE: CISWI and Pyrolysis Units

Thanks for the update. Let me know if you require additional information on the process or the input materials.

Jonathan

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Jonathan Wright

Phone: (920) 303-5432

Jonathan.wright@wisconsin.gov

From: Jones, Toni

Sent: Monday, November 16, 2015 2:07 PM

To: Wright, Jonathan J - DNR <Jonathan.Wright@wisconsin.gov>

Cc: Modak, Nabanita <Modak.Nabanita@epa.gov>; Mia, Marcia <Mia.Marcia@epa.gov>

Subject: RE: CISWI and Pyrolysis Units

Hi Mr. Wright,

I hope this email finds you well today.

Please note, Nabanita Modak is the current project lead for the CISWI rulemaking. I have cc'd Nabanita, along with our colleague in the Office of Enforcement and Compliance Assurance, Marcia Mia, on this email. Please allow them the opportunity to review your email below, and one of them will follow-up with you shortly.

Kind regards,
Toni

Toni Wyche Jones, EI, CFM | Fuels & Incineration Group | Sector Policies & Programs Division - Mail Code E143-05 | Office of Air Quality Planning & Standards | U.S. Environmental Protection Agency | RTP, NC 27711 | Phone: (919) 541-0316 |

From: Wright, Jonathan J - DNR [<mailto:Jonathan.Wright@wisconsin.gov>]
Sent: Friday, November 13, 2015 3:11 PM
To: Jones, Toni
Subject: CISWI and Pyrolysis Units

Ms. Jones,

The Wisconsin Department of Natural Resources recently received a construction permit application for a gasification project that will use pyrolysis to convert industrial and commercial waste plastics and rubber into carbon char, a liquid residue for fuel refining, and non-condensable gases to be used as fuel by other unrelated processes on-site and the external burner for the pyrolysis ovens. I am attempting to determine whether 40 CFR 60 subpart CCCC – CISWI would be applicable to this project. Would you be the right person with whom to discuss CISWI applicability?

Jonathan

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Jonathan Wright

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